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Inspection Checklist for 2021 Caterpillar 259D3

Equipment Model: 2021 Caterpillar 259D3

Machine Hours: 1,182

Condition: Good



General Condition

- Paint: Minor scratches consistent with usage, no major damage.
- Decals: Intact and legible.
- Panels: No dents or deformities.

Loader Arms

- Inspected for cracks, bends, or welds: No issues found.
- Pins and bushings: Minimal wear; secure with no excessive movement.
- Hydraulic cylinder seals: No leaks detected.

Bucket

- 74" Tooth Bucket condition:
- - Teeth: 90% intact with minimal wear.
- - Bucket body: No cracks or signs of heavy damage.
- Quick-attach mechanism: Hydraulic SSL Quick Attach functional; tested and responsive.

Tracks and Undercarriage

- 16" Rubber Tracks:
- - Tread depth: Approximately 85% remaining.
- - Tracks wear: Uniform; no cuts or significant damage.
- Rollers and idlers: In good condition, no unusual noise or binding.
- Drive motors: Operate smoothly without abnormal noise or vibration.

Hydraulic System

• Auxiliary hydraulics: Operational with no leaks.

- Hydraulic hoses and connections: Inspected for wear, cracks, and leaks—none found.
- Fluid levels: Within recommended range.

Engine and Powertrain

- 73 HP Caterpillar Diesel Engine:
- - Startup: Smooth with no smoke or unusual sounds.
- - Idle: Stable with consistent RPM.
- - Exhaust system: Free from soot buildup or leaks.
- Engine oil: Checked—clean, within acceptable range.
- Coolant: Proper level; free from contaminants.
- Transmission: Operates without slipping or hesitation.

Cab and Operator Controls

- Enclosed Cab (EROPS): Free of damage; seals intact for climate control.
- HVAC system: Heat and Air functional; tested for temperature regulation.
- Radio: Operational.
- Rear camera: Clear visibility and fully functional.
- Pilot controls: Responsive with no lag.
- Seats and interior: Good condition; no tears or excessive wear.

Electrical Systems

- Lights: Front and rear lights operational.
- Indicators and gauges: All tested and functioning.
- Battery: Proper voltage and securely mounted.

Performance Tests

- Drive system: Two-speed tested; transitions smoothly between ranges.
- Turning: Tracks exhibit smooth and responsive turning motion.
- Lift arms and tilt functions: Operate without delays or stuttering.

Fluids and Maintenance

- Engine oil, hydraulic fluid, and coolant levels: All checked and within recommended levels.
- Filters: Clean and inspected for blockages.

Summary of Inspection

The 2021 Caterpillar 259D3 Skidsteer has been thoroughly inspected and is in good condition. With 1,182 hours of operation, all major systems are functional, and no significant issues were found. Minor cosmetic wear is present but does not affect performance. This machine is work-ready and meets industry standards for its category.